

# C.B. Patel Computer College & J.N.M. Patel Science College

## Mobile Application Development II

| Sr. No. | Questions  | Option - A                                     | Option - B                               | Option - C   | Option - D       | Correct Answer |
|---------|--|--|--|--|------------------|----------------|
| 1       | Which of the following statement represent incorrect string interpolation? Variable name is declared as: var name = "Me";  | print("Your name is \$name");                  | print('Your name is \${name}');          | print('Your name is {name}');                        | none of above    | C              |
| 2       | We can run Dart programs using   | Command-line                                   | Browser                                  | IDE  | All of the above | D              |
| 3       | Dart is an?  | general-purpose                                | open-source                              | programming language                                 | All of the above | D              |
| 4       | Dart is an?  | open-source                                    | general-purpose                          | programming language                                 | All of the above | D              |
| 5       | Dart has multiple interfaces   | TRUE   | FALSE                                    | Can be True or False                                 | Can't say        | A              |
| 6       | DART language was released in _____  | 2015   | 2014                                     | 2017   | 2011             | D              |
| 7       | Which statement calls function fullName correctly? Given fullName is defined as: String fullName(String first, String last, [String middle]) { return middle == null? '\$first \$last': '\$first \$middle \$last'; } | var a = fullName('First', 'Last', ['Middle']); | var a = fullName('First', 'Last', null); | var a = fullName('First', 'Last', middle: 'Middle'); | all of above     | B              |
| 8       | Which of the following is related to Dart?   | Garbage Collection                             | Type Annotation                          | Portability  | All of the above | D              |
| 9       | The _____ function is a predefined method in Dart.   | declare()                                      | main()                                   | list()   | return()         | B              |
| 10      | Dart is originally developed by?   | Microsoft                                      | Google                                   | IBM  | Facebook         | B              |
| 11      | Fullform of AOT _____  | Ahead Of Time                                  | After Of Time                            | Ahead of Temp  | Accured Of Temp  | A              |

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| 12      | Which of the following is correct use of fat arrow?   | <code>int multiply(a, b) =&gt; {<br/>return a * b; }</code>                  | <code>int multiply(int a, int b) =&gt; return a * b;</code>                                       | <code>int multiply(int a, int b) =&gt; a * b;</code>       | <code>int multiply(a, b) =&gt; {<br/>a * b; }</code> | C              |
| 13      | Which of the following is not a feature of Dart?  | It is Open-source comes with BSD licence, it is free and available publicly. | It is Platform independent like java and can run on any platform using DVM (Dart Virtual Machine) | Dart is Stable and very useful for real time applications. | None of the above                                    | D              |
| 14      | Dart is an Object-Oriented language.  | No   | Yes   | Can be yes or no   | Can not say  | B              |
| 15      | The _____ function is a predefined method in Dart.  | <code>declare()</code>   | <code>list()</code>   | <code>main()</code>  | <code>return()</code>                                | C              |
| 16      | --version command is used to  | Enables assertions   | Displays VM version information   | Specifies the path   | Specifies the path                                   | B              |
| 17      | What is an entry point in Dart?   | <code>declare()</code>   | <code>list()</code>   | <code>main()</code>  | <code>return()</code>                                | C              |
| 18      | Which statement is correct? Given: <code>var nums = ['one', 'two', 'three'];</code>   | <code>nums.forEach((n) {<br/>print(n); });</code>                            | <code>nums.forEach(print(<br/>num.toString()));</code>  | <code>nums.forEach(print(<br/>num));</code>                | <code>nums.foreach(n.print<br/>());</code>           | A              |
| 19      | Which of the following is not a type of parameter in dart?  | Named parameter  | Default parameter   | Optional parameter   | Null parameter                                       | D              |
| 20      | Flutter apps are written in the _____ language and make use of many of the language's more advanced features.   | Dart   | C++   | C  | Swift  | A              |
| 21      | Dart programs run in _____ modes.   | 2  | 3   | 4  | 5  | A              |
| 22      | Which of the following statements does not use string interpolation correctly? Variable name is declared as: <code>var name = "Me";</code>  | <code>print("Your name is \$name");</code>                                   | <code>print("Your name is \${name}");</code>  | <code>print("Your name is {name}");</code>                 | None   | C              |
| 23      | How can we use optional / Skip parameter in Dart function?  | <code>[]</code>  | <code>{}</code>   | <code>()</code>  | None of the mentioned                                | A              |
| 24      | Online Dart editor is also known as _____   | Dart compiler  | Dart pad  | Dart JVM   | Dart AOT   | B              |
| 25      | Which of the following statements is/are true about set (i)The entire set elements can be removed using the <code>clear()</code> methods. (ii) <code>Remove()</code> method is used to remove single element from set at a time | (i) is true and (ii) is false  | (i) is false and (ii) is true   | Both (i) & (ii) are true                                   | Both (i) & (ii) are false                            | C              |
| 26      | Which of the following is not a datatype in Dart?   | Character  | Boolean   | Map  | List   | A              |

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| 27      | The Dart language can be compiled _____.   | JIT   | AOT   | Both JIT & AOT  | None of the above      | C              |
| 28      | Which command is used to compile Dart into javascript?   | dart2js   | darttojs  | dartintojs  | dartjs                 | A              |
| 29      | Which of the following statements does not use string interpolation correctly?   | print('Your name in upper case is \$"me".toUpperCase'); | print("Your name in upper case is \${'me'.toUpperCase()}"); | print('Your name in upper case is \${"me".toUpperCase()}'); | none                   | A              |
| 30      | How can we use Named parameter in Dart function?   | []  | {}  | ()  | None of the mentioned  | B              |
| 31      | Following are way to run dart program  | Using Command line                                      | Running on browser  | Using IDE   | All of above           | D              |
| 32      | _____ does not allow storing of duplicate values   | List  | Set   | Map   | All of above           | B              |
| 33      | Which of the following is not a type of comment in dart?   | Single-line   | Multiline   | Documentation   | None of the above      | D              |
| 34      | An _____ is a real-time representation of any entity.  | Method  | Object  | Class   | None of the above      | B              |
| 35      | Declaring the variable without initializing any value, what will be the default value of the variable?   | 0 (zero)  | empty   | Null  | garbage value          | C              |
| 36      | Which statement calls function fullName correctly? Given fullName is defined as: String fullName(String first, String last, [String middle]) { return middle == null? '\$first \$last': '\$first \$middle \$last'; } | var a= fullName('First', 'Last', ['Middle']);           | var a = fullName('First', 'Last', null);                    | var a = fullName('First', 'Last', middle: 'Middle');        | none                   | B              |
| 37      | In Named parameter which of the following is true.   | Sequence of parameter does not matter.                  | Sequence of parameter matter.                               | Sequence of parameter matter only for first parameter.      | None of the mentioned. | A              |
| 38      | Following is not data type of DART   | Symbols   | Runes   | Maps  | Array                  | D              |
| 39      | _____ is not a method of map   | add()   | clear()   | remove()  | forEach()              | A              |
| 40      | Dart performs  | Static type checking                                    | Runtime type checking                                       | Both static and Runtime Type checking                       | None of the above      | C              |
| 41      | If you don't want to change the variable value, what keyword need to be used?  | def   | const   | constant  | fixed                  | B              |

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| 42      | The following statements will print: var cities = ['los angeles', 'san francisco', 'new york']; print(cities.firstWhere((c) => c.length < 10));   | los angeles  | new york                                    | san francisco                                    | none                                     | B              |
| 43      | Which of the following is not true for => (FAT Arrow)?  | Need not to write return keyword for return value. | Only one expression (statement) is allow.   | Do not need to write { }                         | return keyword is use to returns a value | D              |
| 44      | Following is not Iterative statement.   | For  | While                                       | Do..while  | If....else                               | D              |
| 45      | which of the following is/are true statements (i)The ternary operator is right-associative, which means it can be "chained" to check multiple conditions in turn. (ii)Null checking Expression uses double-question-mark        | both (i) & (ii) are true                           | both (i) & (ii) are false                   | only (i) is true                                 | only (ii) is true                        | A              |
| 46      | Which function declaration is correct?  | int multiply(a, b) => { return a * b; }            | int multiply(int a, int b) => return a * b; | int multiply(int a, int b) => a * b;             | none                                     | C              |
| 47      | What is default return value in Dart function?  | null   | 0   | 1  | -1                                       | A              |
| 48      | Following is correct syntax   | return_type func_name() { }                        | func_name() { }                             | void func_name() { }                             | All of above                             | D              |
| 49      | _____ is a predefined method in Dart.   | declare()  | list()                                      | main()   | return()                                 | C              |
| 50      | What is the significance of Dart2js file?   | It converts Dart code into Java Byte Code          | It Converts Dart code to Java Script code   | It combines Dart with JS for Web Execution       | It Run Dart code within JavaScript code  | B              |
| 51      | Is Dirt Is Case Sensitive Programming Language?   | YES  | NO  | MAY Be   | MAY NOT                                  | A              |
| 52      | Which operator is used for multi line comments?   | #  | //  | /* */  | ??                                       | C              |
| 53      | Which statement calls fullName2 correctly? Given fullName2 is defined as: String fullName2({String first = 'F', String last = 'L', String middle = null}) { return middle == null? '\$first \$last': '\$first \$middle \$last'; | var a = fullName2('First', 'Last', 'Middle');      | var a = fullName2('First', 'Last', null);   | var a = fullName2(first: 'First', last: 'Last'); | All                                      | C              |
| 54      | All datatype keep in dart as _____  | var  | widget                                      | Object   | None                                     | C              |
| 55      | Following is not the way to give comment in dart  | #  | /*....*/                                    | //   | ///                                      | A              |
| 56      | _____ is a collection of key-value pairs in dart  | List   | Set   | Map  | Enum                                     | C              |

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| 57      | Does Dart Support Comment?   | NO                  | YES               | MAY BE                  | MAY NOT          | B              |
| 58      | What is the extension of any dart file?  | .dt                 | .dart             | .ddt                    | .yaml            | B              |
| 59      | Which method returns the first item in the list that satisfies the condition?  | firstWhere()        | first()           | whereFirst()            | where()          | A              |
| 60      | Which symbol is use as multi line comment in dart?   | /* */               | \\                | //                      | \**\             | A              |
| 61      | Which of the following command specifies where to find imported libraries  | _I                  | _L                | _p                      | _P               | C              |
| 62      | _____ converts the Dart code in the optimized JavaScript code with the help of the dar2js compiler and runs on all modern web-browser. | JIT                 | AOT               | DartPad                 | None of these    | B              |
| 63      | In Dart Garbage collection handles   | Memory Deallocation | Memory Allocation | Program execution       | Process Creation | A              |
| 64      | Dart is a  | Open Source         | Object oriented   | Platform Independent    | All of the above | D              |
| 65      | In dart identifier must be unique and can not contain white space.   | TRUE                | FALSE             | No rules for identifier | Non of the above | A              |
| 66      | What is the output of the following code block :<br>void main()<br>{<br>var name = "Flutter";<br>print(" \${name} is easy");<br>}      | name is easy        | \$name is easy    | is easy                 | Flutter is easy  | D              |
| 67      | The _____ type is used to store values in key-value pairs.   | List                | map               | string                  | boolean          | B              |

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| 68      | What is the output of the following code block:<br><pre>void main() {     int i = 1;     for(;i&lt;=5;i++)     {         print("Hello \$i");     } }</pre> | Hello 1<br>Hello 2<br>Hello 3<br>Hello 4<br>Hello 5 | Hello \$i  | Hello i    | Error      | A              |
| 69      | _____ statement is used to break the flow of control of the loop.  | continue  | break      | stop       | exit       | B              |
| 70      | It is possible to pass optional parameter in user defined function in DART   | TRUE  | FALSE      |            |            | A              |